

IN THE CLAIMS:

Claim 1 (Original): An organic electro-luminescent device, comprising:
first and second electrodes over a substrate; and
an organic emission layer between the first and second electrodes, wherein the organic emission layer has a blended structure of a block copolymer and an organic emission material.

Claim 2 (Original): The organic electro-luminescent device of claim 1, wherein the organic emission material is a polymer emission material.

Claim 3 (Original): The organic electro-luminescent device of claim 1, wherein the block copolymer is formed by anionic polymerization and has at least two monomers.

Claim 4 (Original): The organic electro-luminescent device of claim 3, wherein the at least two monomers include polystyrene and polybutadiene.

Claim 5 (Original): The organic electro-luminescent device of claim 3, wherein the block copolymer has a periodic structure of one of a lamella structure, a cylindrical structure, and a spherical structure.

Claim 6 (Original): The organic electro-luminescent device of claim 5, wherein the periodic structure varies with a ratio of the two different monomers.

Claim 7 (Currently Amended): The organic electro-luminescent device of claim [[1]] 3, wherein the block copolymer has a net structure.

Claim 8 (Original): The organic electro-luminescent device of claim 7, wherein the at least two monomers are located at a vertex portion of the net structure and a portion other than the vertex portion in the net structure.

Claim 9 (Original): The organic electro-luminescent device of claim 1, wherein the organic emission layer has a different structure depending on a spreading coefficient between monomers constituting the block copolymer and the organic emission material.

Claim 10 (Original): The organic electro-luminescent device of claim 9, wherein the organic emission material is distributed around the monomers in the blended structure when the spreading coefficient of the monomer to the organic emission material is greater than 0.

Claim 11 (Currently Amended): The organic electro-luminescent device of claim 10, wherein the monomers are located at the vertex portion of [[the]] a net structure.

Claim 12 (Original): The organic electro-luminescent device of claim 9, wherein the monomers are distributed around the organic emission material in the blended structure when the spreading coefficient of the organic emission material to the monomer is greater than 0.

Claim 13 (Original): The organic electro-luminescent device of claim 12, wherein the monomers are located at the vertex portion of the net structure.

Claim 14 (Withdrawn): A method of fabricating an electro-luminescent device, comprising:

forming a first electrode over a substrate;

forming an organic emission layer over the first electrode, wherein the organic emission layer has a blended structure of a block copolymer and an organic emission material; and

forming a second electrode over the organic emission layer.

Claim 15 (Withdrawn): The method of claim 14, wherein the organic emission material is a polymer material.

Claim 16 (Withdrawn): The method of claim 14, wherein the block copolymer is formed by anionic polymerization and has at least two monomers.

Claim 17 (Withdrawn): The method of claim 16, wherein the at least two monomers include polystyrene and polybutadiene.

Claim 18 (Withdrawn): The method of claim 16, wherein the block copolymer has a periodic structure of one of a lamella structure, a cylindrical structure, and a spherical structure.

Claim 19 (Withdrawn): The method of claim 18, wherein the periodic structure varies with a ratio of the two monomers.

Claim 20 (Withdrawn): The method of claim 14, wherein the block copolymer has a net structure.

Claim 21 (Withdrawn): The method of claim 20, wherein the at least two monomers are located at a vertex portion of the net structure and a portion other than the vertex portion in the net structure.

Claim 22 (Withdrawn): The method of claim 14, wherein the organic emission layer has a different structure depending on a spreading coefficient between monomers constituting the block copolymer and the organic emission material.

Claim 23 (Withdrawn): The method of claim 22, wherein the organic emission material is distributed around the monomers in the blended structure when the spreading coefficient of the monomer to the organic emission material is greater than 0.

Claim 24 (Withdrawn): The method of claim 23, wherein the monomers are located at the vertex portion of the net structure.

Claim 25 (Withdrawn): The method of claim 22, wherein the monomers are distributed around the organic emission material in the blended structure when the spreading coefficient of the organic emission material to the monomer is greater than 0.

Claim 26 (Withdrawn): The method of claim 25, wherein the monomers are located at the vertex portion of the net structure.